1/8/ 9-25-00)

| POSITION                  | INITIALS | ID NO.      | DATE     |
|---------------------------|----------|-------------|----------|
|                           |          |             | 88.00    |
| FEE DETERMINATION         | 71)      | <del></del> | 8.8.00   |
| O.I.P.E. CLASSIFIER       |          |             | 25-22-00 |
| FORMALITY REVIEW          | - 4E     | 208/6       | 09-07-0  |
| RESPONSE FORMALITY REVIEW |          | 676         | 10410110 |
|                           | _        |             |          |

## INDEX OF CLAIMS

|   | Rejected                   | N | Non-elected  |
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| • | Allowed                    | ï | Interference |
| = | (The second Concoled       |   | Appeal       |
| _ | (Through numeral) Canceled | ñ | Objected     |
| ÷ | Restricted                 | U |              |

|          |                |            |              |           |           |          | •            | ••        | ••• |   |          | ••••   |          |          |   |
|----------|----------------|------------|--------------|-----------|-----------|----------|--------------|-----------|-----|---|----------|--------|----------|----------|---|
| Clai     | m              |            |              | <u> </u>  |           | D        | ate          |           | -   | _ |          | _      | _        | 7        | ſ |
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|          |                |            |              | _         |           | I        |              |           | Ţ   |   | L        | L      | 1        | 4        |   |
|          |                | $\prod$    |              | _         | _         | 1        |              | _         | 1   |   | L        | 1      | 1        | 4        |   |
|          |                | 1          | Ш            | _         | L         | 1        |              | L         | +   | _ | L        | +      | +        | 4        |   |
|          |                | 4          | 4            | =         | 1         | 4        |              | ┞         | +   |   | ┡        | ╀      | +        | $\dashv$ |   |
|          |                | 4          | ╀            | -         | +         | +        | _            | ┞         | +   |   | ╀        | +      | +        | $\dashv$ |   |
|          | 9<br>0         | #          | ╀            | =         | +         | +        | _            | ╀         | +   | _ | ╁        | ╁      | +        | ┪        |   |
|          | <b>P</b>       | #          | ╀            | =         | +         | +        | _            | ╀         | +   | _ | ╁        | ╁      | +        | -        |   |
| -        |                | H          | J            | E         | +         |          |              | +         | -   | _ | ╁        | +      | +        | -        |   |
| -        | 13             | H          | Ξ            | -         | ٨.        | +        |              | ╁         | +   |   | ╁        | +      | +        | ┪        |   |
| ┝        | 14             | H          | _;<br>;      | 一         | ∦         | +        | _            | +         | 1   | - | t        | +      | +        | 7        |   |
| ├        | 95             | H          | =            | 17        | +         | 7        |              | $\dagger$ | -1  | _ | +        | +      | +        | $\neg$   |   |
| -        | 16             | =          |              | 5         | $\dagger$ | 7        | _            | †         | 7   |   | T        | 1      | _        | _        |   |
| $\vdash$ | 17             |            | -            | †-        | +         | 7        |              | Ť         | Т   |   | Ţ        | _      |          |          |   |
| $\vdash$ | 18             |            |              | T         | 1         | 1        |              | J         | _   |   |          |        |          |          |   |
|          | 19             | _          |              | 1         | 1         |          |              |           |     |   | I        | $\int$ |          |          |   |
| Г        | 20             | _          | Г            | T         | 1         |          | Г            | T         |     | Γ | T        | 1      |          | _]       |   |
| 1        | 21             | _          | $\vdash$     | $\dagger$ | †         | _        | Γ            | 1         | _   | Γ | Ţ        |        |          |          |   |
| 一        | 22             | _          | Τ            | 1         | _         | _        |              | 1         |     | L |          |        |          |          |   |
|          | 23             |            | Γ            | T         | T         |          |              | I         |     | L |          |        |          |          |   |
|          | 24             |            |              |           |           |          | L            | 1         |     | L | 4        | _      | _        | _        |   |
|          | 25             |            |              |           | _         | _        | L            | 4         |     | L | 4        |        |          | 4        |   |
|          | 26             |            | 1            | 1         | 4         |          | L            | 4         |     | ļ | 4        |        |          | _        |   |
| L        | 27             |            | $\downarrow$ | $\perp$   | _         |          | ╀            | 4         | _   | ¥ | 4        |        | Ш        | Н        |   |
| L        | 28             | _          | 1            | $\perp$   | _         | _        | $\downarrow$ | 4         | _   | + | $\dashv$ | _      |          | -        |   |
| L        | 29             | L          | +            | - -       | _         | _        | +            | -         | _   | + | $\dashv$ |        | -        | $\vdash$ |   |
| L        | 30             | _          | +            | 4         | -         |          | +            | -         |     | + | -        |        | $\vdash$ | Н        |   |
| -        | 31             | -          | +            | +         |           | _        | +            | +         | H   | + | -        |        | -        | Н        |   |
| -        | 32             |            | +            | +         |           | _        | +            | _         | -   | + | -        | _      | +-       | Н        |   |
| -        | 34             |            | +            | +         |           | -        | +            |           | H   | + | -        | _      | 1        | T        |   |
| $\vdash$ | 35             | -          | +            | +         | _         | $\vdash$ | $^{\dagger}$ | _         |     | + | _        | _      | T        | T        |   |
| +        | 36             |            | +            | +         | _         | -        | †            |           | Т   | † |          |        | 1        | Г        |   |
| +        | 37             |            | $\dagger$    | 7         |           | -        | +            |           | T   | 7 |          |        |          |          |   |
| t        | 38             |            | +            | $\dashv$  | _         |          | +            | _         | 1   | 7 |          |        |          |          |   |
|          | 39             | 疒          | $\top$       |           |           | Γ        | 1            |           |     |   |          |        | L        |          | 1 |
| 1        | 40             |            | 1            | 7         |           | Γ        | T            | Ī         | Γ   | Ţ | _        |        | L        |          |   |
|          | 4              | 丰          | $\top$       |           | _         | Γ        | 1            |           | Γ   |   |          |        |          |          |   |
| r        | 42             | 1          | $\top$       | -         |           | T        | 1            | _         | T   |   | _        |        |          |          |   |
| ľ        | 4:             | 3          | $\dashv$     |           |           | Τ        | 1            | _         |     |   |          |        | Ŀ        | Ĺ        |   |
| f        | 4              | _          | 7            |           |           | 1        | _            |           |     |   |          | L      | $\perp$  | 上        |   |
| Ī        | 4              | _          | _            |           |           | Ι        |              |           | Ι   |   |          | L      | T        |          | 1 |
| Ī        | 4              | _          | $\Box$       |           |           | Ĺ        |              |           | 1   |   | _        | L      | $\perp$  | 1        | 1 |
| Ī        | _              | 7          |              |           | L         | Ţ        |              | _         | 1   | _ | L        | 1      | 4        | +        | 4 |
| Ī        |                | 8          | $\Box$       |           | L         | 1        | _]           | L         | 1   |   | L        | ŀ      | 4        | +-       | 4 |
|          |                | 9          | _            |           | L         | 1        |              | L         | 4   |   | <u> </u> | +      | +        | +        | 4 |
| ĺ        | 5              | 0          |              |           | 1         | L        |              | 1         | L   |   | <u></u>  | ┸      | ┸        |          | ⅃ |

| Cla      | im       | _         | -         | _  |              | D        | at | e        |           |                         | _        |          |              |         |
|----------|----------|-----------|-----------|----|--------------|----------|----|----------|-----------|-------------------------|----------|----------|--------------|---------|
|          |          | Г         | Τ         |    | _            | T        | Ī  |          | Τ         | T                       |          |          | T            | ٦       |
| =        | ie       | 1         | 1         |    |              |          | Ì  |          |           | ١                       |          | 1        | 1            | İ       |
| Final    | Original |           |           |    |              |          |    |          | 1         |                         |          | 1        |              |         |
| Ŧ        | 51       | 1         | Ť         | _  |              | T        |    |          | 1         | 1                       |          | 1        | T            | ٦       |
| -        | 52       | +         | $\dagger$ |    | <del> </del> | t        | _  | Γ        | 1         | 7                       |          |          | T            | ٦       |
|          | 53       | +-        | $^{+}$    | _  | 1            | t        |    | $\vdash$ | T         | 1                       | _        | t        | 1            | ٦       |
| _        | 54       | ╁         | +         | -  | t            | +        | _  | $\vdash$ | +         | 7                       |          | †        | $^{\dagger}$ | ┪       |
| _        | 55       | +         | +         | _  | $\vdash$     | +        |    | t        | T         | ┪                       | _        | T        | 1            | ┪       |
| -        | 56       | +         | +         |    | t            | +        | -  | t        | $\dagger$ | 1                       | _        | T        | +            |         |
| -        | 57       | +         | +         |    | t            | +        |    | 1        | +         |                         |          | T        | 1            |         |
| ┝        | 58       | $\dagger$ | 7         |    | 1            | +        |    | 1        | T         |                         | _        | T        | 1            |         |
| ⊢        | 59       | ╁         | 7         | _  | +            | 1        |    | T        | +         |                         |          | 1        | 1            |         |
| Г        | 60       | +         | 1         | _  | †            | †        | _  | T        | 1         |                         |          | 1        | 1            |         |
| 卜        | 61       | +         | _         | -  | $^{\dagger}$ | 7        | _  | †        | 1         |                         | Г        | T        | 1            |         |
| H        | 62       | +         | 7         | _  | †            | ヿ        |    | Ť        | +         | _                       | Г        | Τ        | 7            |         |
| $\vdash$ | 63       | $\dagger$ |           | Т  | †            | ┪        | _  | 1        | 7         |                         | Γ        | T        | T            |         |
| $\vdash$ | 64       | +         | _         | Т  | +            | ┪        |    | †        | 7         | _                       | Γ        | T        | T            |         |
| $\vdash$ | 65       | +         | _         | -  | +            | ┪        | _  | 1        | T         |                         | Г        | T        |              |         |
| $\vdash$ | 66       | +         |           | H  | +            | 7        |    | †        | 1         |                         | Τ        | T        |              |         |
| -        | 67       | +         | _         | T  | $^{\dagger}$ |          |    | Ť        | 7         |                         | T        | 7        |              |         |
| -        | 68       | +         |           | t  | +            | _        |    | T        | ┪         |                         | T        | 1        | T            |         |
| $\vdash$ | 69       | 7         | _         | t  | +            | 7        | _  | +        | 7         |                         | 1        | 1        |              |         |
| $\vdash$ | 70       | +         |           | t  | +            | $\dashv$ | -  | +        | ┪         |                         | t        | 7        | _            | _       |
| -        |          | -         |           | ╀  | +            | _        | H  | +        | $\dashv$  | _                       | ╁        | +        | -            | _       |
| -        | 71       | $\dashv$  |           | ╀  | +            |          | ┝  | +        |           | -                       | ╁        | +        | _            | ┝       |
| F        | 72       | 4         |           | +  | +            |          | ┝  | +        |           | _                       | ╁        | -        | _            | -       |
| $\vdash$ | 73       | -         |           | +  | -            |          | ┞  | +        |           | -                       | +        | -        |              | -       |
| F        | 74       | -+        |           | +  | $\dashv$     | _        | ⊦  | +        | _         | ⊢                       | +        | -        | -            | ╁╌      |
| 1        | 75       | -         |           | ╀  | -            | _        | ╁  | +        | _         | -                       | ╅        | ┧        |              | ╁       |
| -        | 76       | 4         |           | 4. | 4            |          | ╀  | +        |           | ┞                       | +        |          | _            | ├       |
| -        | 77       | _         | -         | +  | -            |          | ╀  | $\dashv$ |           | ⊦                       | +        | -        | _            | ╁       |
| ŀ        | 78       |           | -         | +  | -            | _        | ╀  | $\dashv$ |           | Ͱ                       | +        | _        |              | ╁       |
| ŀ        | 79       |           | ┝         | +  | _            | _        | ╀  |          | _         | ╀╌                      | +        | _        |              | +-      |
| -        | 80       |           | -         | +  |              | _        | ╀  | -        |           | ╀                       | +        | _        | ┝            | ╀       |
| -        | 81       | _         | _         | 4  | _            | -        | +  |          |           | ŀ                       | +        |          | -            | +       |
| -        | 82       | _         | Ŀ         | 4  |              | _        | +  | _        | _         | +                       | 4        |          | -            | ╀       |
|          | 83       |           | -         | 4  |              | L        | +  |          | _         | +                       | $\dashv$ | _        | -            | ╁       |
| ļ        | 84       | _         | 1         | 4  |              | L        | +  | _        | _         | ╀                       | 4        | _        | ├            | ╁       |
|          | 85       | L_        | ↓         | 4  | _            | Ŀ        | +  |          | H         | +                       | -        |          | ⊦            | ╀       |
| 1        | 86       | Ļ.        | ╄         | 4  |              | _        | 4  | _        | _         | +                       | -        | _        | ╀            | ╁       |
| ļ        | 87       | L         | L         | 4  | _            | ┞-       | 4  |          | -         | +                       | -        | _        | ╀            | +       |
|          | 88       | L         | 1         | 4  |              | ╀        | 4  | _        | -         | +                       | _        | -        | ╀            | +       |
| ļ        | 89       | Ļ         | +         | 4  | _            | ↓-       | 4  |          | -         | +                       | _        | -        | +            | +       |
| İ        | 90       |           | Ļ         |    | Ŀ            | Ļ        | _  |          | L         | +                       |          | <u> </u> | +            | +       |
|          | 91       |           | L         |    | L            | L        |    |          | $\perp$   | 1                       |          | L        | Ļ            | 4       |
| İ        | 92       |           | Ī         |    | Ĺ            | $\perp$  |    |          | L         | 1                       | _        | L        | 1            | 1       |
| 1        | 93       | -         | $\int$    | _  |              | 1        |    | _        | 1         | 1                       | _        | <u> </u> | 1            | 4       |
|          | . 94     |           | T         |    |              |          |    | L        | L         |                         |          | L        | 1            | $\perp$ |
|          | 95       | -         | T         |    | Γ            | Γ        |    |          | L         | $oldsymbol{\mathbb{I}}$ | _        | L        | 1            | $\perp$ |
|          | 96       | 1         | T         | _  | Г            | T        | _  |          | Ι         | $\rfloor$               |          | L        | 1            | _       |
|          | 97       | -         | T         | _  | Г            | T        | _  |          | Ι         | J                       |          | Ĺ        |              | _[      |
|          | . 98     | 3         | 1         | _  | Т            | E        |    |          | Ι         | $\Box$                  |          |          |              | $\perp$ |
|          | 99       | 7         | T         | _  | Τ            |          | _  |          | Ι         |                         |          |          | 1            | $\perp$ |
|          | 10       |           | ✝         |    | Τ            | 7        |    | Γ        | Т         | 7                       |          | 1        | -[           | _[      |

| la    | im       |            |           |           |           | ا | Dat     | te       |          |   | _      |   | _ |          | _ |   |   |
|-------|----------|------------|-----------|-----------|-----------|---|---------|----------|----------|---|--------|---|---|----------|---|---|---|
| Final | Original |            |           |           |           |   |         |          |          |   |        |   |   |          |   |   |   |
| Ξ     |          | $\vdash$   |           | H         | -         | + | _       | ╀        | $\dashv$ |   | +      |   | H | +        | _ |   |   |
|       | 101      | -          | _         | L         | ╀         | + |         | ╀        | ┪        | _ | +      |   | ├ | +        | - |   |   |
|       | 102      |            |           | ┝         | ╁         | + |         | ╁        | -        | _ | $^{+}$ |   | + | +        | _ |   |   |
|       | 104      |            | _         | ⊢         | ╁         | 4 | —       | ╁        | _        | ┝ | +      | - | t | 7        | _ |   |   |
| _     | 105      |            |           | -         | ╁         | 7 | •       | t        |          | - | +      | _ | t |          |   |   |   |
| -     | 106      |            | _         | ╁╴        | $\dagger$ | 7 |         | t        |          | T | †      | _ | t |          |   |   |   |
| _     | 107      | -          | Г         | T         | 1         |   |         | T        |          | Γ | T      |   | T |          |   |   |   |
|       | 108      |            | -         | Τ         | 1         | - |         | I        |          | Ŀ |        |   | I |          |   |   |   |
| _     | 109      | •          |           |           | I         |   |         |          | _        | L |        |   | 1 |          | _ | _ |   |
|       | 110      | )          |           | L         |           | _ | L       | 1        |          | ļ | 4      |   | 1 |          | L | _ |   |
|       | 11       | -          | L         | ļ.        | 1         | _ | L       | 1        |          | Ļ | 4      |   | 1 | _        | ┞ | _ |   |
|       | 11       |            | 1_        | 1         | 4         | _ | ļ_      | 4        |          | 1 | 4      | _ | 4 | _        | ŀ | - |   |
|       | 11       |            | ↓_        | $\perp$   | +         | _ | ╀       | +        |          | + | _      | _ | + | _        | ╀ | - |   |
| _     | 11       |            | -         | +         | +         | _ | +       | +        | _        | + | _      | H | + |          | ╁ | - |   |
|       | 11       |            | ╀         | ╀         | +         | _ | ╀       | +        |          | + | _      | ┝ | + |          | t | - |   |
| _     | 11       |            | ╁         | +         | +         | _ | ╁       | +        | _        | + | _      | ┝ | + |          | ╁ | - |   |
|       | 11       |            | ╁         | +         | +         | _ | ╁       | +        | _        | † | _      | H | 7 | _        | † | - |   |
| _     | 11       |            | +         | +         | +         |   | +       | 1        | _        | † | _      | T | 1 | _        | Ť | _ |   |
|       | 12       | _          | t         | $\dagger$ | 1         | _ | 1       | _        | Т        | 7 | _      | T |   |          | Ť | _ |   |
| _     |          | 21         | ╁         | +         | 7         | _ | +       |          | ┢        | † |        | t |   |          | † | _ |   |
| ┢     |          | 22         | +         | +         | $\neg$    | _ | †       | _        | Γ        | 7 |        | T |   |          | T |   |   |
| ┢     |          | 23         | +         |           | ٦         |   | 1       |          |          | I |        | Ι |   |          |   | _ |   |
| r     |          | 24         | T         |           |           |   | I       |          |          |   |        | I |   | Ĺ        |   | _ |   |
| Γ     |          | 25         | I         |           |           |   |         |          | Ŀ        | _ |        | 1 |   | L        | 4 | _ |   |
| E     | 12       | 26         | 1         | _         |           | _ | 4       | _        | 1        | 4 |        | 1 |   | L        | 4 | • | 4 |
| L     | 1        | 27         | 4         | 4         |           | L | $\perp$ |          | 1        | 4 |        | + |   | ╀        | + | _ | 4 |
| -     |          | 28         | +         | 4         |           | ŀ | +       | _        | ╀        | 4 | _      | + |   | ╀        | + |   | 4 |
| 1     |          | 29         | +         | $\dashv$  |           | ┞ | +       | _        | ╁        | - |        | + | - | ╁        | + | _ | 1 |
| }     |          | 30<br>31   | +         | $\dashv$  |           | ┝ | +       | -        | ╁        | _ | -      | + | _ | ╁        | 1 |   | 1 |
| H     | -        | 32         | +         | -         | _         | ╁ | +       | _        | $^{+}$   | - | ┢      | + | _ | t        | 7 |   | 1 |
| -     |          | 33         | $\dagger$ |           |           | t | 7       | _        | +        | _ | Г      | † | _ | t        | 7 |   | 7 |
| +     |          | 134        | $\dashv$  |           |           | t | 7       |          | Ť        |   | T      | 1 |   | 1        |   |   | ٦ |
| r     |          | 135        | 7         |           |           | T | ╗       |          |          |   |        |   |   | Ι        |   |   |   |
| Ţ     |          | 136        |           |           |           | Ι |         |          | 1        | _ | L      |   | _ | 1        |   | L |   |
|       |          | 137        |           |           |           | I |         | _        | 1        |   | L      | 4 | _ | 1        |   | L |   |
|       |          | 138        | ┙         |           | L         | 1 |         |          | 1        |   | 1      | 4 |   | +        |   | L |   |
| ļ     |          | 139        | _         |           | L         | 1 |         |          | 4        | _ | ╀      | 4 | _ | +        | _ | ┞ | - |
|       |          | 140        | _         | _         | _         | 1 |         | L        | 4        |   | ļ      | 4 | _ | 4        | _ | ŀ | _ |
| ļ     |          | 141        |           |           | L         | + |         | L        | 4        | _ | ╀      | 4 |   | +        |   | ┝ | _ |
|       |          | 142        |           |           | L         | 4 |         | -        | 4        |   | +      | - | _ | +        | _ | ╀ | _ |
| ļ     |          | 143        | _         | $\vdash$  | $\vdash$  | + | _       | -        | $\dashv$ | _ | +      | - | - | +        | _ | ╁ | _ |
|       |          | 144        |           | <u> </u>  | Ł         | + | _       | $\vdash$ | 4        | _ | +      | _ | - | $\dashv$ | _ | ╁ | - |
|       | _        | 145<br>146 | _         | -         | ├         | + | _       | $\vdash$ | $\dashv$ | - | +      |   | ۲ | +        | _ | t | _ |
|       | -        | 147        | _         | $\vdash$  | +         | + |         | t        | +        |   | +      | _ | H | -        | _ | t | _ |
|       | $\vdash$ | 148        |           | -         | t         | + | _       | +        | $\dashv$ | _ | +      | - | t | _        |   | † | _ |
|       | $\vdash$ | 149        |           | $\vdash$  | +         | 1 |         | †        | ٦        | Γ | +      | _ | T |          |   | Ī | _ |
|       |          | 150        |           |           | T         |   | _       | Ī        |          |   | 1      | _ | L |          |   | I | _ |
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If more than 150 claims or 10 actions staple additional she t here

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